

**RICE BUILDING WORKSHOP
ARCH 327 (3 hr. credit)/
ARCH 627 (4 hr. credit)
FALL 2015
AH 309 and on-site
T/Th 10:50- 12:05
and other times TBD**



Photograph by Julie Natal

The Lives of Buildings

As architects, we often regard the building as an entity that becomes fully realized at a specific moment at the completion of design and construction. However, in the life history of a building, design is but one step: there is a considerable history before that moment, and a legacy afterward. This semester, RBW will look at moments from the continuing lives of several RBW projects, including two that you will initiate, and another that you will deconstruct. We will also be looking in on several on-going RBW projects: the Project Row Houses Archive space (last year's project), and Workshop Houston, which is scheduled to begin construction (by a contractor) in October.

Recycle and Reuse: MOODY POP-UP GALLERY (approx. 8 weeks)



The Rice Center for Energy and Environmental Research in the Human Sciences (CENHS) is sponsoring an exhibit for FotoFest 2016 (March 12-April 24), 'Art and Energy', with photography and video projects by artists Judy Natal and Marina Zurkow. Professors Dominic Boyer and Joe Campana envisioned a temporary 'Pop-Up' gallery, aligned with the new Moody Center for the Arts, which is under construction. During the summer, RBW was able to put CENHS together with MetaLab (Joe Meppelink and other RBW graduates), to reuse three existing container boxes, complete with interior build-out and off-grid solar pv systems. The site for this installation is a prominent corner near the Moody site. This will be your primary project for the semester, and indeed for next semester too.

As designers of this project, you will work closely with Alison Weaver (the incoming Moody Director), CENHS, the artists, MetaLab, MobileGrid (the solar guys associated with MetaLab), FE&P, consultants, and one another to develop a complete scheme for implementation. The scheme will include development of a general image for the temporary grouping, site utilization for indoor and outdoor display and activities, components such as ramps and connectors, shade structures, indoor and outdoor display and projection, lighting, graphics, etc.

Implementation of your scheme will be the subject of the spring RBW course.

Conceptualization: RECIPE FOR SUCCESS- HOPE FARMS PROJECT (approx. 3 weeks)



Gracie Cavnar, founder and director of *Recipe for Success* Foundation, a nationally recognized food outreach program for students, envisions an entirely new home for their urban farming educational program, with facilities such as teaching spaces, market, and storage sheds, in addition to their farming activities, all off-grid. The site is 5 acres in the Sunnyside neighborhood of Houston, near the corner of Cullen and Belfort, with 2.5 acres of unrestricted site and another 2.5 acres serving as water retention.

Gracie has proposed a student charrette in the fall, involving Rice and UH students: "Besides focusing students on important issues and gaining benefit from their creative solutions, my goal is to use our Hope Farms Showcase project as a way to build community awareness of food sustainability issues and solutions in the urban environment. What better way to instigate civic conversation than the chance to see and respond to innovative design? I also believe that by socializing the charrette results within the surrounding Sunnyside neighborhood and giving residents the opportunity to "weigh in", we will further build on our collaborations there and more tightly weave the farm into the community."

During the fall, there will be a limited time commitment by RBW, in hopes that this Hope Farms initiative might generate future RBW projects.

DeConstruction: HERMANN PARK DE-INSTALLATION (approx. 1 week)



The RBW project for 2013/2014 was an installation to commemorate the Hermann Park centennial. That was a temporary installation to remain on-site for one year. Now we are committed to its de-installation. There are plans to re-install it on the Rice campus in the near future. For now, we will move the pavilion to the RBW WorkYard for future reconditioning, re-painting, and re-cabling. This will be a good opportunity to look back at what worked and what didn't, and to look ahead at how to improve the details for permanent installation.

SCHEDULE

August

Week 1 Orientation

September

Week 2 Hope Farms- introduction

Week 3 Hope Farms- studio

Week 4 Hope Farms- presentations

Week 5 Hermann Park Convergence- de-installation

Week 6 Moody Pop Up- program and meetings

October

Week 7 Moody Pop Up- work on project

Week 8 *Mid-Term Recess*

Week 9 Moody Pop Up- concept presentations by teams

Week 10 Moody Pop Up- work on project

November

Week 11 Moody Pop Up- design presentations by teams

Week 12 Moody Pop Up- work on project

Week 13 Moody Pop Up- concluding presentation

Week 14 *Charrette Week* and Thanksgiving (work schedule to accommodate)

December

Week 15 *Jury Week* (work schedule to accommodate)

Week 16 Wrap-up and plans for next semester

GRADING CRITERIA

- A Excellent work, exemplary leadership
- B Above average work
- C Acceptable work
- D Unsatisfactory work

The semester grade will be determined as follows:

- 20% Schematic proposals
- 20% Contribution to Design Development
- 20% Contribution to Project Documentation
- 20% Contribution to construction work
- 20% Contribution to class work and discussions, regular attendance, and active involvement in reviews and presentations with clients and consultants.

COURSE OBJECTIVES AND LEARNING OUTCOMES

- Students will work on real projects of limited scale, in a community context, with social ambitions.
- Students will manage projects from programming, through design and detailing, to implementation and completion.
- Students will collaborate with client groups, consultants and professionals, with contractors and subcontractors, and with one other, to achieve common project goals.

STUDENT PERFORMANCE CRITERIA ADDRESSED:

A.8 Cultural Diversity and Social Equity.

B.1 Pre-Design

B.8 Building Materials and Assemblies

C.3 Integrative Design

D.2 Project Management

TOPICAL OUTLINE:

- Client meetings and programming 25%
- Conceptual design and presentations 25%
- Detail design and prototyping 50%.

TIME COMMITMENTS AND ATTENDANCE

The fall RBW seminar is dual listed as a three- and four-credit-hour course, and in some ways this will suggest the level of commitment for each student. To be clear, **all** students are expected to demonstrate the same level of intellectual commitment: the design belongs to the entire seminar and its exigencies must be shared equally by all. Students registered for four credit-hours will be expected to contribute more to the efforts. This difference is not undergrad/grad, but what commitment you wish to make for the term.

RICE HONOR CODE

In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at <http://honor.rice.edu/honor-system-handbook/>. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for

resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

DISABILITY SUPPORT SERVICES

If you have a documented disability or other condition that may affect academic performance you should: 1) make sure this documentation is on file with Disability Support Services (Allen Center, Room 111 / adarice@rice.edu / x5841) to determine the accommodations you need; and 2) talk with either of us to discuss your accommodation needs.

SYLLABUS CHANGE POLICY

This syllabus is only a guide for the course and is subject to change with advance notice.

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Office Hours: By appointment

